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(72) Inventor; and

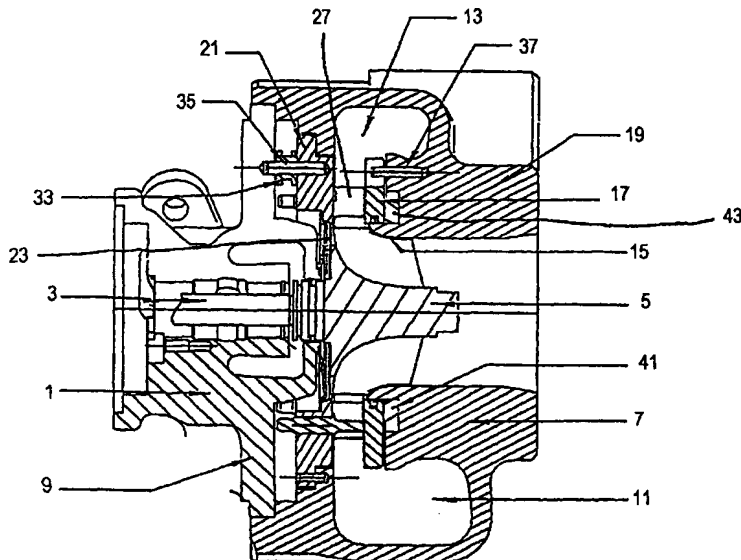
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(54) Title: **TURBOCHARGER HAVING VARIABLE NOZZLE DEVICE**



(57) Abstract: A turbocharger comprises a vane area formed between a nozzle element (21) and a floating insert (17) supported on the exhaust housing (7), wherein the floating insert (17) is urged against the vanes (27) located in the vane area by a biasing member (43). By means of this arrangement the turbine efficiency is increased and the risk of vane sticking is avoided to a large extent.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	---	
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X	GB 880 903 A (DOWTY ROTOL LTD) 25 October 1961 (1961-10-25) page 2, line 68 -page 3, line 42; figure 1	1-5,7,8 4,5
Y	---	
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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